

Specifications

Circuit :	11 Transistor Superheterodyne
Frequency Coverage :	FM 86.5—108 Mc (3.53—2.78 m) MW 530—1,605 Kc (566—187 m)
Intermediate Frequency :	FM 10.7 Mc MW 455 Kc
Antenna System :	FM Built-in Telescopic Antenna MW Built-in Ferrite Bar Antenna
Maximum Sensitivity :	FM -2 dB (at 50 mW output with 6 dB S/N) MW 26 dB (at 10 mW output)
Selectivity :	22 dB at 10 Kc off resonance, at 1,400 Kc
Output Power :	480 mW (undistorted)
Current Drain :	12 mA (MW), 15 mA (FM) at zero signal, 160 mA at 480 mW output
Speaker :	4-3/4" × 3-1/8" (12 × 8 cm) PM dynamic, 8 Ω
Battery :	Four size "C" Flashlight Batteries (6 Volts)
Dimensions :	12" × 6-5/8" × 2-3/8" (300 × 167 × 60 mm)
Weight :	3-1/2 lbs. (1.6 kg)

Electrical characteristics of FM band is measured with the LOCAL/DISTANT Selector Switch set to "DISTANT".

Adjustments

a) Frequency Coverage Adjustment

	Lower Limit	Adjust	Upper Limit	Adjust
FM	i) 85.5 ± 1 Mc	Gap of FM OSC Aux. Coil (L _{101d})	Lower Limit + 24 Mc	Gap of FM OSC Aux. Coil (L _{101d})
	ii) 85.5 Mc	Trimmer Capacitor (C ₁₂₀)		
MW	520 Kc	Core of MW OSC Coil (L ₂₀₁)	1,680 Kc	MW OSC Trimmer (C ₂₀₅)

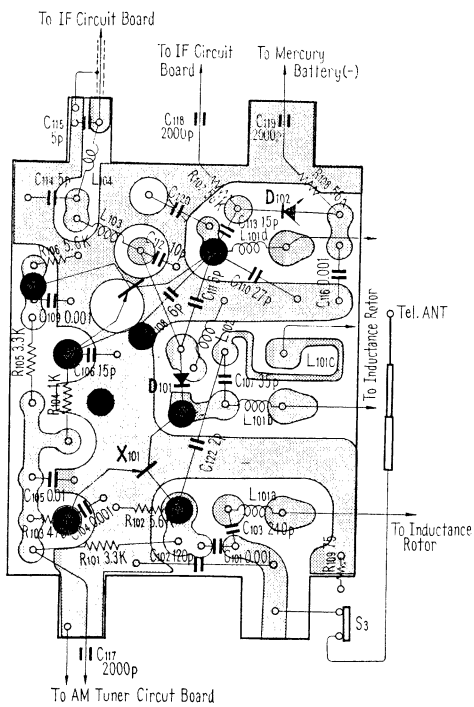
b) Tracking Adjustment

	Lower Checking Point	Adjust	Upper Checking Point	Adjust
FM			109.5 Mc	Gap of FM RF Aux. Coil (L _{11b}) and Gap of FM ANT Aux. Coil (L _{101a})
MW	620 Kc	Position of MW ANT Coil (L ₂₀₂)	1,400 Kc	MW ANT Trimmer (C ₂₀₆)

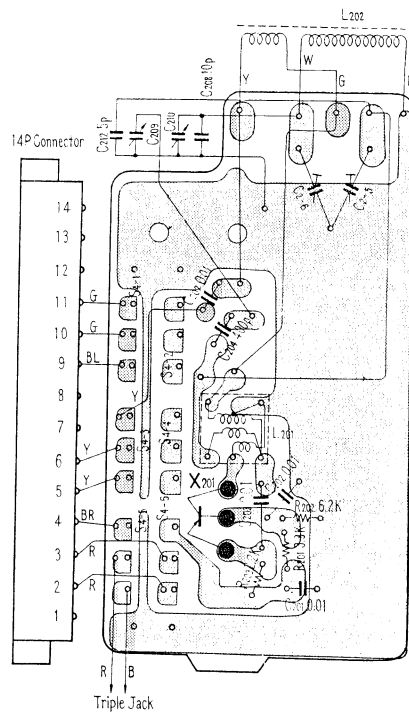
Mounting Diagram

- Printed Side -

FM Tuner Section



AM Tuner Section

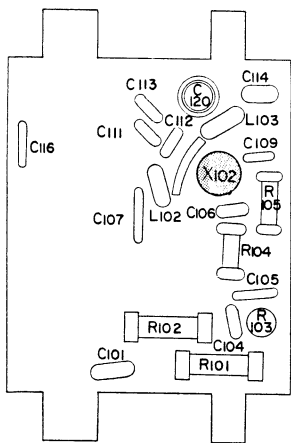


Mounting Diagram

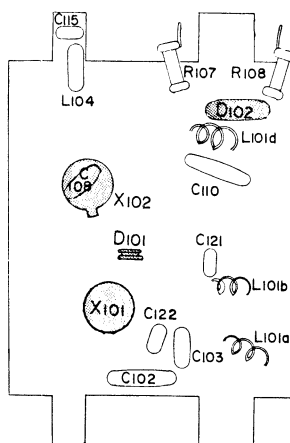
—Parts Side—

FM Tuner Section

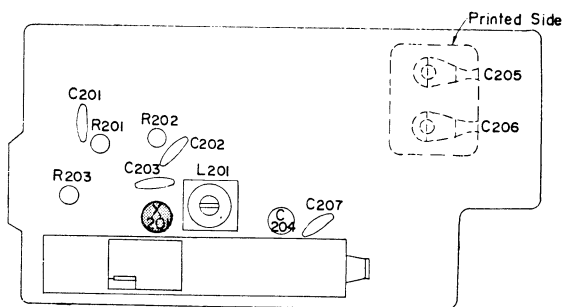
Parts	Side
1	Left
2	Right
3	Left
4	Right
5	Left
6	Right
7	Left
8	Right
9	Left
10	Right
11	Left
12	Right
13	Left
14	Right
15	Left
16	Right
17	Left
18	Right
19	Left
20	Right
21	Left
22	Right
23	Left
24	Right
25	Left
26	Right
27	Left
28	Right
29	Left
30	Right
31	Left
32	Right
33	Left
34	Right
35	Left
36	Right
37	Left
38	Right
39	Left
40	Right
41	Left
42	Right
43	Left
44	Right
45	Left
46	Right
47	Left
48	Right
49	Left
50	Right
51	Left
52	Right
53	Left
54	Right
55	Left
56	Right
57	Left
58	Right
59	Left
60	Right
61	Left
62	Right
63	Left
64	Right
65	Left
66	Right
67	Left
68	Right
69	Left
70	Right
71	Left
72	Right
73	Left
74	Right
75	Left
76	Right
77	Left
78	Right
79	Left
80	Right
81	Left
82	Right
83	Left
84	Right
85	Left
86	Right
87	Left
88	Right
89	Left
90	Right
91	Left
92	Right
93	Left
94	Right
95	Left
96	Right
97	Left
98	Right
99	Left
100	Right



Printed Side



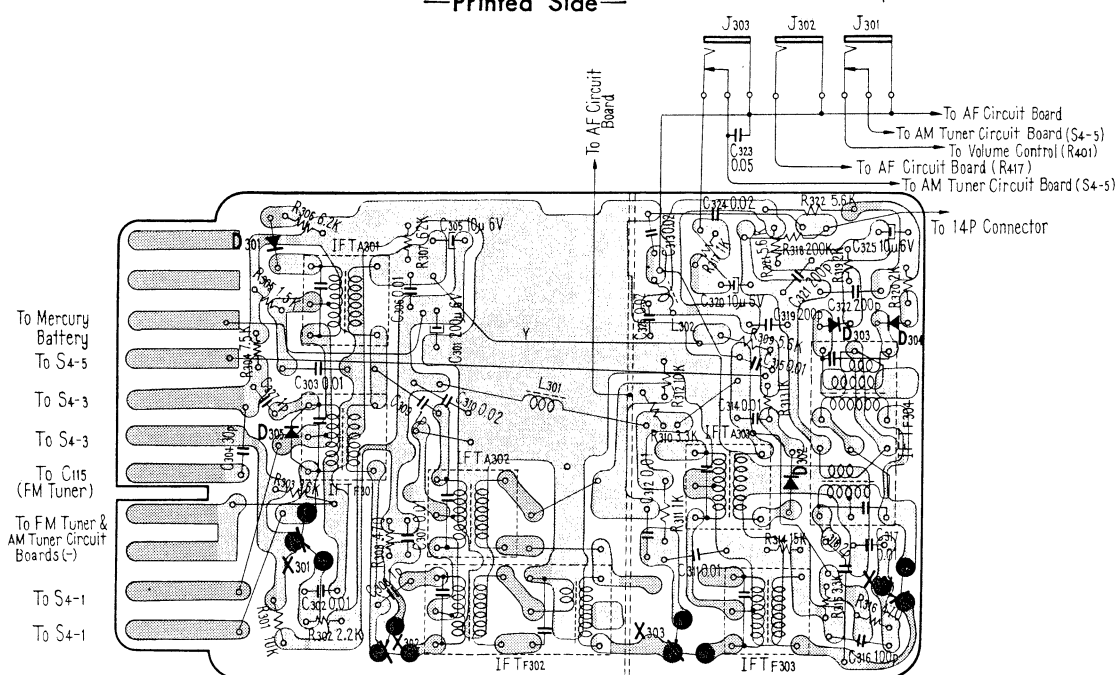
AM Tuner Section



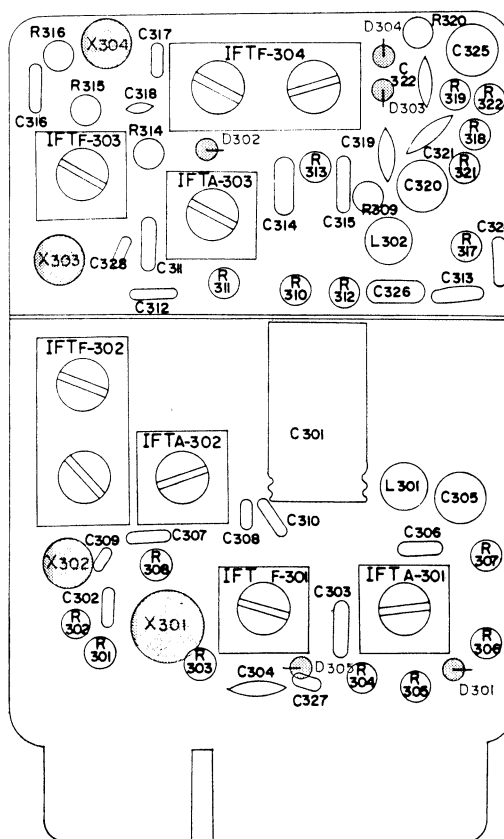
Mounting Diagram

IF Section

—Printed Side—

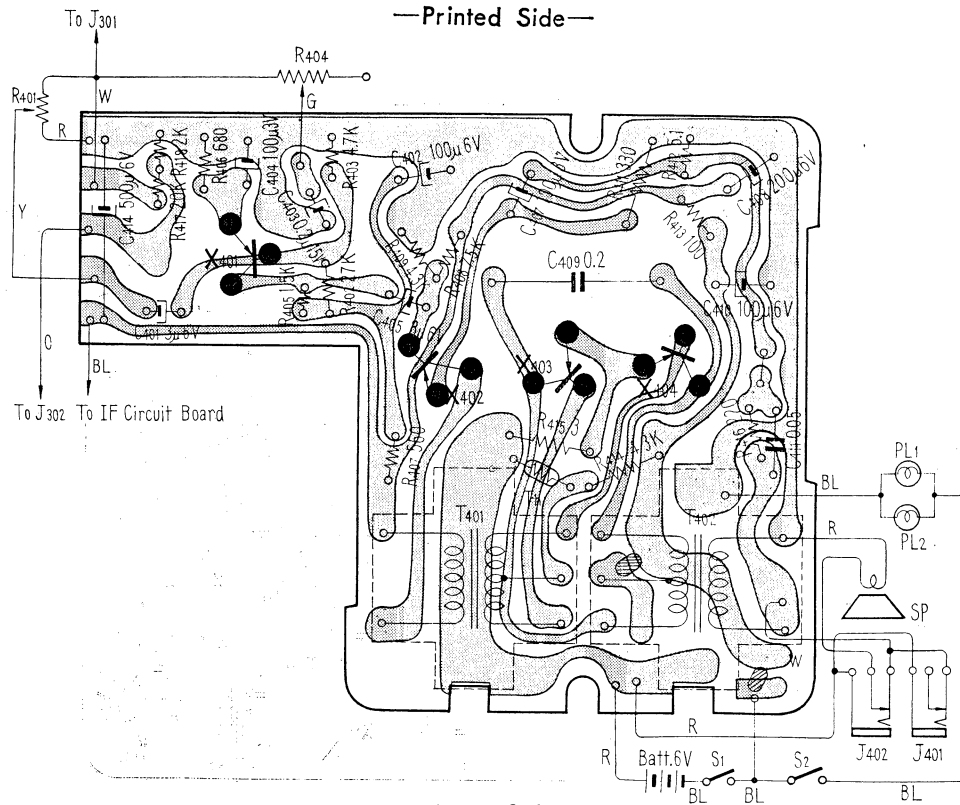


—Parts Side—



Mounting Diagram

AF Section
—Printed Side—



—Parts Side—

